

[14] CLAIMS

[15] I claim:

1 1. An improved safety harness of the type where left and right front
2 suspender straps pass through a crossover to become right and left rear suspender straps,
3 respectively, and whose ends are joined by a seat strap, wherein the improvement
4 comprises an anti-tangling strap joining the left and rear suspender straps disposed
5 between the crossover and the seat strap and forming a triangle wherein the crossover is
6 at the apex of the triangle and a height of the triangle is greater than about eight.

1 2. The improved safety harness of Claim 1, wherein the height of the
2 triangle is less than about sixteen inches.

1 3. The improved safety harness of Claim 1, wherein the anti-tangling
2 strap is formed by laminating two plies of strap material.

1 4. The improved safety harness of Claim 3, wherein the anti-tangling
2 strap is laminated by stitching and/or adhesive.

1 5. The improved safety harness of Claim 1, wherein the anti-tangling
2 strap is formed from a flexible plastic material.

1 6. The improved safety harness of Claim 1, wherein the anti-tangling
2 strap is stiffer than the suspender straps but is elastically flexible in a direction normal to
3 the plane of the anti-tangling strap.

1 7. The improved safety harness of Claim 6, wherein the anti-tangling
2 strap cannot be readily flexed in a direction parallel to the plane of the anti-tangling strap
3 and normal to the long axis of the anti-tangling strap.

1 8. A wearable safety harness comprising:
2 left and right front suspender straps;
3 right and left rear suspender straps connected respectively to the left and
4 right front suspender straps by a crossover;
5 a seat strap joining distal ends of said rear suspender straps; and
6 an anti-tangling strap joining the left and rear suspender straps disposed
7 between the crossover and the seat strap and forming a triangle
8 wherein the crossover is at the apex of the triangle and a height of
9 the triangle is between about eight and about sixteen inches.